Confidential
DECLASSIFIED

MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
.L4
M6
1943

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY, 1943

J. A. BROWN, DIRECTOR

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

Printed at the American Press
Beirut, Syria

STATISTICS DIVISION

JANUARY 1943
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	66.6	66.0	66.5	66.4	17.2	11.4	13.6	16.2	13.4	14.4
2	5.1	2.4	1.9	3.1	16.8	12.0	13.9	14.7	12.9	13.8
3	59.0	57.4	57.4	57.9	21.4	15.6	16.7	18.6	16.1	17.1
4	2.7	4.0	5.4	4.0	20.0	14.5	19.8	17.4	16.1	17.8
5	6.5	7.5	9.3	7.8	15.2	12.8	14.8	14.0	14.3	14.4
6	63.2	62.9	64.8	63.6	15.3	11.2	14.3	14.2	13.3	13.9
7	6.9	5.8	6.5	6.4	15.0	10.0	12.2	13.7	11.8	12.6
8	5.0	3.9	4.2	4.4	15.8	10.9	12.4	14.8	11.9	13.0
9	3.5	1.8	2.0	2.4	16.5	10.2	13.2	15.6	12.3	13.7
10	1.4	59.9	59.8	0.4	15.8	11.4	12.1	13.0	15.1	13.4
11	59.3	58.6	60.8	59.6	15.0	10.1	12.9	14.5	13.8	13.7
12	62.8	63.6	5.3	63.9	14.0	10.6	12.9	12.3	12.8	12.7
13	5.8	4.4	5.3	5.2	16.7	11.7	12.6	15.4	12.7	13.6
14	1.3	57.8	58.0	59.0	17.9	10.6	13.9	17.0	17.3	16.1
15	58.8	9.4	62.3	60.2	15.0	10.8	10.9	14.7	12.4	12.7
16	63.0	61.6	61.9	62.2	17.4	13.1	14.4	16.2	14.3	15.0
17	0.6	59.0	59.8	59.8	18.0	9.2	15.2	17.2	12.7	15.0
18	0.6	9.7	60.4	60.2	15.3	9.0	9.7	12.8	10.6	11.0
19	0.3	8.6	58.7	59.2	13.8	9.0	10.8	12.2	11.1	11.4
20	56.3	4.4	7.4	6.0	12.6	8.4	10.7	11.2	9.1	10.3
21	58.3	59.1	61.7	59.7	13.0	9.0	11.9	12.7	9.3	11.3
22	65.4	65.4	6.5	65.8	14.0	8.9	10.2	12.8	9.7	10.9
23	6.6	5.3	5.4	5.8	14.2	9.4	12.2	13.7	11.9	12.6
24	5.5	4.6	5.4	5.2	15.6	10.8	12.2	14.9	12.3	13.1
25	6.1	5.1	4.8	5.3	16.3	11.2	13.0	15.6	12.1	13.6
26	64.2	62.1	61.4	62.6	16.5	10.1	14.7	15.6	12.6	14.3
27	59.4	57.1	57.9	58.1	16.0	11.1	13.6	14.2	14.3	14.0
28	9.5	9.4	60.3	9.7	13.6	7.3	12.7	11.6	9.0	11.1
29	60.3	9.6	0.6	60.2	9.5	5.8	7.3	7.7	6.9	7.3
03	1.0	60.5	1.1	0.9	11.0	5.9	6.5	9.9	7.9	8.1
31	1.3	1.8	3.8	2.3	11.1	7.1	7.2	7.5	9.4	8.0
	61.81	60.92	61.81	61.51	15.33	10.29	12.53	13.93	12.23	12.90

Barometer, range for month 752.7 — 766.9 mm.
,, 62-yr. average for month 763.36 mm.
Thermometer, range for month 5.8° — 21.4° C.
,, 62-yr. average for month 13.72° C.
Rain, total for month 416.33 mm.
,, , 62-yr. average for month 183.90 mm.
,, , total, from Sept. 1st 758.19 mm.
62-yr. average, total from Sept 1st 554 23 mm.

JANUARY 1943
METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	9.7	11.0	9.7	10.1	84	81	84	83	3.9	304.0	4.32
2	9.5	11.6	10.0	10.4	80	93	89	87	1.0	480.0	5.08
3	9.4	11.8	11.3	10.8	67	75	84	75	0.4	848.0	9.40
4	10.7	11.4	9.9	10.7	63	77	73	71	0.0	1440.0	6.35
5	9.8	11.0	9.9	10.2	78	93	81	84	0.0	768.0	19.56
6	7.8	8.2	7.7	7.9	64	69	67	67	2.0	448.0	0.76
7	7.9	8.4	7.9	8.1	74	71	77	74	8.9	272.0	
8	8.0	7.9	7.9	7.9	74	64	77	72	7.8	312.0	
9	8.0	9.6	8.7	8.8	70	73	81	75	7.9	368.0	
10	9.3	8.8	8.9	9.0	89	79	71	80	0.2	1120.0	17.78
11	10.2	10.0	8.3	9.5	92	80	70	81	0.0	808.0	60.46
12	7.7	8.5	7.0	7.7	69	80	64	71	3.2	640.0	13.21
13	7.8	9.5	9.0	8.8	72	73	82	76	3.0	280.0	
14	8.4	8.3	8.2	8.3	71	58	57	62	2.6	264.0	
15	9.4	10.4	10.0	9.9	96	83	94	91	4.0	512.0	18.04
16	10.1	10.4	10.4	10.3	81	76	85	81	0.2	896.0	8.38
17	9.3	9.2	10.1	9.5	72	64	93	76	3.0	832.0	9.91
18	8.7	10.2	7.9	8.9	96	92	83	90	0.0	480.0	28.71
19	8.5	9.1	9.1	8.9	88	86	93	89	0.0	608.0	12.70
20	8.6	9.0	7.1	8.2	90	91	82	88	0.0	724.8	34.29
21	7.4	8.3	8.3	8.0	71	75	95	80	2.8	804.8	14.22
22	8.0	8.0	7.0	7.7	87	72	78	79	6.0	192.0	0.76
23	6.7	7.6	7.9	7.4	63	65	76	68	9.2	344.0	
24	7.4	9.0	8.5	8.3	70	71	80	74	8.0	259.2	
25	7.8	9.1	8.5	8.5	70	69	81	73	9.5	267.2	
26	8.0	8.5	8.4	8.3	64	65	77	69	8.7	288.0	
27	7.1	9.6	8.2	8.3	61	79	67	69	2.0	976.0	2.29
28	7.7	8.8	8.3	8.3	71	87	97	85	0.0	796.0	23.87
29	7.1	7.5	6.9	7.2	93	94	93	93	0.0	384.0	66.80
30	6.7	7.1	7.3	7.0	92	79	93	88	0.6	608.0	28.96
31	6.9	7.5	7.6	7.3	91	96	86	91	0.1	809.6	30.48
	8.37	9.20	8.57	8.71	77.5	77.7	81.0	78.7	3.03	543.14	513.43

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

JANUARY 1943

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes *
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu	1cu	2cu	1.7	0	1nw	0	slight	
2	10cu	10ni	10ni	10.0	0	0	1sw	„	w. at night
3	5cu	10cu-ni	10cu	8.3	2sw	2sw	0	„	„ „ „
4	10cu	10cu	5cu	8.3	6sw	4sw	4sw	mod.	gale at night
5	10ni	10ni	9ni	9.7	5sw	3sw	5w	rough	
6	9cu	10cu	9cu	9.3	2sw	2sw	1sw	rough	
7	5cu	0	0	1.7	0	1sw	0	slight	
8	0	9ci	0	3.0	0	2sw	1sw	„	dew a.m.
9	1cu	1cu	0	0.7	1sw	2sw	0	„	
10	10ni	10ni	10ni	10.0	2sw	2sw	4s	mod.	2 th. st. & g. night
11	10ni	9ni	10cu-ni	9.7	4sw	5sw	2sw	rough	blowing w. a.m.
12	8cu	3cu	6cu	5.7	5w	2sw	2sw	mod.	
13	3cu	10cu	5cu	6.0	1w	2sw	1sw	slight	
14	10cu	10cu	10cu	10.0	0	2sw	2sw	„	tr. of rain p.m.
15	10ni	3cu	3cu-ni	5.3	1sw	2sw	1sw	„	
16	9ni	10ni	10ni	9.7	2sw	1sw	2sw	slight	
17	5ci	10cu	10cu	8.3	1sw	3sw	1sw	„	
18	10ni	10ni	1cu	7.0	1sw	0	1sw	„	
19	10ni	10ni	10ni	10.0	1sw	1sw	1sw	„	
20	10ni	10ni	5cu	8.3	2sw	1sw	1sw	„	th. st. & sn. shower
21	8cu-ni	4cu	8cu	6.7	4w	4sw	1sw	mod.	
22	8ni	1cu	1cu	3.3	1sw	0	1sw	slight	
23	0	0	3cu	1.0	1sw	1sw	2ne	„	haze a.m.
24	0	6cu	8cu	4.7	1s	2sw	0	„	
25	3cu	0	0	1.0	1ne	1w	0	„	
26	0	0	0	0.0	0	2sw	0	slight	
27	1cu	10cu	8cu	6.3	1sw	2sw	3sw	„	gale at night
28	10ni	10ni	10ni	10.0	4sw	1sw	1sw	rough	
29	10ni	10ni	3ni	7.7	2sw	0	0	„	
30	8ni	10ni	10ni	9.3	1sw	2sw	3sw	„	
31	10ni	10ni	10ni	10.0	1sw	0	5w	„	g. force at 7:30 p.m.
				6.50					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	1	0	0	1	20	3	0	6	31
14:30	0	0	0	0	0	24	1	1	5	31
20:30	0	1	0	0	1	19	2	0	8	31
Totals	0	2	0	0	2	63	6	1	19	93

Number of days with rain 22, fog 0, thunderstorms 2, gale 4.

62 yr. av. days with rain during month 15.3 days